

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(MBHB Case No. 99,829-A)**

TITLE : Treatment and prevention of gastrointestinal disease using antagonists or partial agonists of 5HT1a receptors

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This application claims the priority of Provisional Application 60/161,117
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FIELD OF THE INVENTION

10 The present invention provides a method for preventing and treating
gastrointestinal diseases such as dyspepsia, irritable bowel disease and chemotherapy-
associated nausea by administering an antagonist or partial agonist of 5HT1a
receptors.

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BACKGROUND OF THE INVENTION

Dyspepsia is a common symptom ranging in prevalence from 26% in the United
20 States to 41% in England (1). Whilst only 1 in 4 patients seek medical help (2) the
condition results in significant health care costs (3) and an organic cause is found in
only 40% of patients. The Rome criteria for diagnosing idiopathic or nonulcer
dyspepsia (NUD) were put forward in 1991 and consist of chronic or recurrent upper
abdominal pain or discomfort in the absence of obvious pathology (4). The Rome
25 group suggested subcategorising NUD into ulcer-like, reflux-like, dysmotility-like
and non-specific dyspepsia. This classification has been questioned on the grounds
that there is a marked overlap of symptoms and an overlap between the symptoms and
those of the irritable bowel syndrome (5).